

1    **CLAIMS**

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- 3    1.    A plant container, the container comprising at least  
4           one section of flexible material, the material  
5           having an inner and an outer surface, said inner  
6           surface being formed at least in part by a lattice  
7           of recesses, at least some of said recesses  
8           converging towards a hole through the material, said  
9           outer surface being formed at least in part by a  
10          lattice of protuberances at the same relative  
11          positional arrangement as the recesses, wherein said  
12          section is formed as a parallelogram having two  
13          acute angles and two obtuse angles, the one or more  
14          sections being arranged to form a cylinder with  
15          adjacent ends overlapping and the protuberances on  
16          the outer surface of one end nesting within the  
17          recesses of the inner surface of the adjacent end at  
18          the overlap.
- 19
- 20    2.    A plant container as claimed in Claim 1 wherein the  
21          acute angles are in the range 30 to 60 degrees.
- 22
- 23    3.    A plant container as claimed in Claim 1 wherein the  
24          acute angles are at 45 degrees.
- 25
- 26    4.    A plant container as claimed in Claim 1 wherein the  
27          container includes one or more fastening means  
28          provided to hold the section in said overlapping,  
29          nested engagement.
- 30
- 31    5.    A plant container as claimed in Claim 4 wherein  
32          there are at least two fastening means arranged on  
33          the overlap.
- 34

- 1    6.    A plant container as claimed in Claim 4 wherein the  
2        fastening means is by screws located through the  
3        holes formed in the recesses.  
4
- 5    7.    A plant container as claimed in Claim 1 wherein at  
6        least some of said recesses are of a substantially  
7        truncated conical form.  
8
- 9    8.    A plant container as claimed in Claim 1 wherein each  
10       recess comprises a wall which converges towards the  
11       hole, adjacent walls forming a peak between each  
12       recess, wherein a plurality of said peaks are  
13       located on a row lengthways on the inner surface  
14       having a height greater than that of adjacent peaks  
15       across the width of the inner surface.  
16
- 17   9.    A plant container as claimed in Claim 8 wherein the  
18       container further comprises a base arranged to rest  
19       on said walls of said peaks of greater height.  
20
- 21   10.   A plant container as claimed in Claim 1 wherein the  
22       holes within the recesses are of various diameters  
23       over the width of the section.  
24
- 25   11.   A plant container as claimed in Claim 10 wherein at  
26       least one of holes is medium sized, wherein medium  
27       sized are apertures which remove 6%-20% of the area  
28       at the base of a recess.  
29
- 30   12.   A plant container as claimed in Claim 10 wherein at  
31       least one of holes is large sized, wherein large  
32       sized are apertures which remove 20%-40% of the area  
33       at the base of a recess.  
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- 1 13. A plant container as claimed in Claim 1 wherein at  
2 least one of the protuberances includes a hole at  
3 their apex.  
4
- 5 14. A plant container as claimed in Claim 1 wherein the  
6 material is formed from a relatively thin sheet of  
7 plastic material and the said recesses in said inner  
8 surface produces said protuberances in said outer  
9 surface.  
10
- 11 15. A plant container as claimed in Claim 14 wherein the  
12 plastic is a recycled plastic such as HDPE obtained  
13 from domestic waste.  
14
- 15 16. A section of material for forming a container, the  
16 material having an inner and an outer surface, said  
17 inner surface being formed at least in part by a  
18 lattice of recesses, at least some of said recesses  
19 converging towards a hole through the material, said  
20 outer surface being formed at least in part by a  
21 lattice of protuberances at the same relative  
22 positional arrangement as the recesses, wherein said  
23 section is formed as a parallelogram having two  
24 acute angles and two obtuse angles.  
25
- 26 17. A section of material as claimed in Claim 16 wherein  
27 the acute angles are in the range 30 to 60 degrees.  
28
- 29 18. A section of material as claimed in Claim 16 wherein  
30 the acute angles are at 45 degrees.  
31
- 32 19. A section of material as claimed in Claim 16 wherein  
33 at least some of said recesses are of a  
34 substantially truncated conical form.

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2 20. A section of material as claimed in Claim 16 wherein  
3 each recess comprises a wall which converges towards  
4 the hole, adjacent walls forming a peak between each  
5 recess, wherein a plurality of said peaks are  
6 located on a row lengthways on the inner surface  
7 having a height greater than that of adjacent peaks  
8 across the width of the inner surface.

9

10 21. A plant container as claimed in Claim 1 wherein the  
11 holes within the recesses are of various diameters  
12 over the width of the section.

13

14 22. A section of material as claimed in Claim 21 wherein  
15 at least one of holes is medium sized, wherein  
16 medium sized are apertures which remove 6%-20% of  
17 the area at the base of a recess.

18

19 23. A section of material as claimed in Claim 21 wherein  
20 at least one of holes is large sized, wherein large  
21 sized are apertures which remove 20%-40% of the area  
22 at the base of a recess.

23

24 24. A section of material as claimed in Claim 16 wherein  
25 at least one of the protuberances includes a hole at  
26 its apex.

27

28 25. A section of material as claimed in Claim 16 wherein  
29 the material is formed from a relatively thin sheet  
30 of plastic material and the said recesses in said  
31 inner surface produces said protuberances in said  
32 outer surface.

33

- 1 26. A section of material as claimed in Claim 16 wherein  
2 the plastic is a recycled plastic such as HDPE  
3 obtained from domestic waste.  
4
- 5 27. A container for organic matter, the container  
6 comprising at least one section of flexible  
7 material, said inner surface being formed in part by  
8 a lattice of recesses, at least some of said  
9 recesses being of substantially truncated conical  
10 form having a wall which converges towards a hole  
11 through the section, adjacent walls forming a peak  
12 between each recess, a plurality of said peaks  
13 located on a row lengthways on the inner surface  
14 having a height greater than that of adjacent peaks  
15 across the width of the inner surface, said outer  
16 surface being formed in part by a lattice of  
17 protuberances at the same relative positional  
18 arrangement as the recesses, said section being a  
19 parallelogram arranged in a cylinder with its  
20 opposite ends overlapping and the protuberances on  
21 the outer surface of one end nesting within the  
22 recesses of the inner surface of the other end at  
23 the overlap, and a container base arranged to rest  
24 on said walls of said peaks of greater height and  
25 fastening means being provided to hold the section  
26 in said overlapping, nested engagement.  
27
- 28 28. A container as claimed in Claim 27 wherein the  
29 container further comprises a lid arranged to rest  
30 on an upper edge of the flexible section of  
31 material.